





Schmoller, Michael R - DNR

From: Troy Statz <tstatz@statzbrothers.com>
Sent: Friday, November 23, 2018 11:48 PM
To: Schmoller, Michael R - DNR
Cc: Cain, Mark R - DNR; Wes Statz
Subject: Statz manure spill 11-16-18
Attachments: 20181123_155629.jpg; 20181123_155616.jpg

Mike,

I am providing response to your visit here today, regards to the call the Department received on 11-17-18 of a reported manure spill in the area between Twin Lane Road and CTH TT.

I have attached two photos of the area where a mender was placed in the 8" supply line, 7:00 PM Friday, 11-16-18. This marsh grass area was investigated this afternoon by warden Brad, who I guided via UTV and partially on foot. We observed a nearby stream in the marsh, approximately 1200' west from the area of where the mend in the 8" supply line was preformed. No evidence of manure runoff near or in the flow line was found.

Your call received, indicated an approximate 200,000 gallons of manure spill. We have supporting evidence that is hardly the case. The following time of events are provided from the operator's phone log, the tractor applicator. These events occurred the afternoon into early evening of 11-16-18.

1:30 PM, completed layout of the 8" supply line to service manure application on the Roger Hansen farm. The next part of a hour, the remaining equipment is moved into place to finalize setup. Manure source used is Home Farm Lagoon 2.

2:18 PM call from applicator tractor to lead pump attendant is made to start loading the 8" supply line. Note loading 3 miles of empty 8" supply line safely, with even loading will take about 40 to 60 minutes.

3:23 PM call from applicator tractor operator to lead pump attendant that a flow of 2000 gpm at the applicator is achieved.

4:32 PM call is made to applicator tractor operator that a leak in the 8" supply line is spotted by a booster pump attendant. The leak is located in the marsh grass area approximately 150' away from the edge of crop land and it is shooting straight into the air.

4:35 PM pumps are all shutdown.

4:46 PM the booster pump attendant has the pinch apparatus applied to the supply side of the leak in the supply hose. The hole in the hose that is contributing to the leak is about 3/8" in diameter.

7:00 PM the install of a mender unit at the location of the hole, which is about 6' from the end of the hose, is completed. The cause of the hole was from abrasion.

8:00 PM pumping has resumed, flow rate of 2000 gpm is achieved once again, all at the same pump output pressures. There is no difference in flow rate before or after the repair. Supply line is all inspected.

Estimated about a total of 80 minutes of run time x estimated 30 gpm = 2400 gallons.

About 80' of 8" line was emptied to install the mender = 200 gallons.

Estimated worse case scenario lost in the marsh grass, about 2600 gallons.

Let me know of any questions.

Thank you,

Troy Statz

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